Journal of Fluid Mechanics Volume 429 25 February 2001

J. B. V. Wanderley & T. C. Corke	Boundary layer receptivity to free-stream sound on elliptic leading edges of flat plates	1
O. A. Druzhinin & S. E. Elghobashi	Direct numerical simulation of a three-dimensional spatially developing bubble-laden mixing layer with two-way coupling	23
Y. Zhang & J. A. Finch	A note on single bubble motion in surfactant solutions	63
J. R. Stokes, L. J. W. Graham, N. J. Lawson & D. V. Boger	Swirling flow of viscoelastic fluids. Part 1. Interaction between inertia and elasticity	67
J. R. Stokes, L. J. W. Graham, N. J. Lawson & D. V. Boger	Swirling flow of viscoelastic fluids. Part 2. Elastic effects	117
J. Poggie & A. J. Smits	Shock unsteadiness in a reattaching shear layer	155
T. Maeder, N. A. Adams & L. Kleiser	Direct simulation of turbulent supersonic boundary layers by an extended temporal approach	187
P. M. Lloyd, P. K. Stansby & D. Chen	Wake formation around islands in oscillatory laminar shallow-water flows. Part 1. Experimental investigation	217
P. K. Stansby & P. M. Lloyd	Wake formation around islands in oscillatory laminar shallow-water flows. Part 2. Three-dimensional boundary-layer modelling	239
T. E. Giddings, Z. Rusak & J. Fish	A transonic small-disturbance model for the propagation of weak shock waves in heterogeneous gases	255
S. Balachandar, J. D. Buckmaster & M. Short	The generation of axial vorticity in solid-propellant rocket-motor flows	283
R. Zenit, D. L. Koch & A. S. Sangani	Measurements of the average properties of a suspension of bubbles rising in a vertical channel	307
B. R. Sutherland	Finite-amplitude internal wavepacket dispersion and breaking	343
I. L. Kliakhandler, S. H. Davis & S. G. Bankoff	Viscous beads on vertical fibre	381
D. Z. Zhu & G. A. Lawrence	Holmboe's instability in exchange flows	391

BOOK REVIEWS

An Introduction to Turbulent Flow, by J. Mathieu & J. Scott 410

High Speed Flow, by C. J. Chapman 411

INDEX TO VOLUME 429 413

CAMBRIDGE UNIVERSITY PRESS

Cambridge Journals Online
journals.cambridge.org

0022-1120(200102)429;1-7